Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 13 Apr 2023 until 23:59 on Friday 14 Apr 2023

Forecast Issued on Wednesday 12 Apr 2023 at 13:38

Confidence: High for cool and unsettled conditions and for the transition to a milder, more settled weekend. Lower for rain and shower details Thursday and Sunday.

Headline for Thursday 13 Apr 2023: Early rain easing, then scattered showers interspersed with brighter spells. Windy.

Mountain weather hazards on Thursday 13 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Cloudy	Light rain showers	Light rain showers	Light rain showers	Dull
Precipitation probability							
70%	30%	20%	20%	40%	30%	20%	20%

Forecast for Thursday 13 Apr 2023

Weather: Overnight an area of cloud and rain will gradually fragment and clear away to the east. Some showery rain may linger until the early hours, particularly across Dark Peak. Towards dawn, some icy patches may form under clear skies in prone sheltered spots. Showers developing by late-morning, perhaps forming organised bands and becoming slow moving. Thundery downpours possible throughout the afternoon. Chance of some sleety showers above 600m, particularly in association with heavy or persistent showers.

Chance of cloud-free hill tops above 600m: 30% initially, improving to 60%. Improving to 80% in the south later.

Low cloud and visibility: Widespread low cloud initially, with cloud bases around 300-500m. Lowest bases likely on western upslopes. As the rain band fragments, bases are expected to rise, clearing most summits around dawn. Cloud bases in and showers or longer spells of rain are expected to lower to around 500m and may obscure higher peaks for several hours where showers persist. Visibility moderate to poor initially, and in any showers or spells of rain. Visibility very good otherwise.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 13 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/35 W	29/40 W	27/37 W	27/38 W	26/37 W	22/33 W	19/28 W	15/22 W	13/19 SW
300	22/34 W	23/35 W	21/32 W	22/34 W	20/32 W	18/30 W	15/25 W	10/16 W	9/16 SW
Valley	17/34 W	17/34 W	16/32 W	16/33 W	16/33 W	13/27 W	12/25 W	7/16 W	6/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	1/-6	1/-6	2/-5	3/-4	3/-3	3/-3	2/-3	1/-4
300	4/-2	4/-2	3/-2	4/-1	6/1	6/2	6/2	4/1	4/0
Valley	4/-0	4/-0	4/-0	5/0	6/2	7/3	6/3	5/2	4/2
Freezing Level*	800m	800m	700m	800m	800m	900m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 40-50 mph will give difficult walking conditions and a risk of being blown off balance. Be prepared for sudden stronger gusts on lee slopes and exposed ridges. Significant wind chill expected due to the wet and windy conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 11 Apr 2023	10.8mm	22mm	22mm

Forecast for Friday 14 Apr 2023

Weather: Widely fine to start Friday, although some early patches of low cloud possible. Areas of cloud and rain pushing east across central and southern England may affect the Peaks at times from late morning. Otherwise, some bright spells and scattered showers, some of which may turn heavy. Wintry risk over highest peaks. Skies clearing overnight.

Maximum wind: Southeast 15-20mph.

Chance of cloud-free hill tops above 600m: 80%, lowering to 60% in the south late-morning and more widely by the afternoon.

Low cloud and visibility: Patchy low cloud may briefly shroud tops above 600m at first. In association with rain bands or showers, cloud bases lowering to around 600m, perhaps as low as 400m in the south and in any wintry showers. Visibility generally good, but falling to poor in rain and showers.

Temperature: **Valleys:** Plus 2 Celsius becoming Plus 8 Celsius.
At 600m: Plus 1 Celsius becoming Plus 6 Celsius.
Freezing level: Around 700m, lifting clear of summits.

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